

8/25/04

JPW 1638



Attorney's Docket No. 035718/193735

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Rao *et al.* Confirmation No.: 1859
 Appl. No.: 09/478,567 Art Unit: 1638
 Filed: January 6, 2000 Examiner: Russell Kallis
 For: COMPOSITIONS AND METHODS FOR ALTERING AMINO ACID
 CONTENT OF PROTEINS

August 24, 2004

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

COMMUNICATION

Sir:

Applicants' representative understands from a discussion with Examiner Kallis that the references cited by Applicants in the PTO Forms 1449 that were previously submitted with Applicants' Information Disclosure Statements filed January 6, 2000 and August 14, 2003, have apparently been lost by the PTO. Accordingly, for the convenience of the Examiner and at the Examiner's request, copies of the references cited in these Forms 1449 are submitted herewith, along with copies of the Information Disclosure Statements, Forms 1449, and relevant postcards. Applicants' representative respectfully requests that an initialed copy of these Forms 1449 be forwarded to the undersigned with the next communication from the PTO.

Respectfully submitted,

Leigh W. Thorne
 Registration No. 47,992

CUSTOMER No. 29122
 ALSTON & BIRD LLP
 Bank of America Plaza
 101 South Tryon Street, Suite 4000
 Charlotte, NC 28280-4000
 Tel Raleigh Office (919) 862-2200
 Fax Raleigh Office (919) 862-2260

"Express Mail" mailing label number EV 387069170US
 Date of Deposit August 24, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:
 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Lynda Jo Pixley

Substitute form 1449 A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete it Known

Application Number

To be assigned

Filing Date

Concurrently Herewith

First Named Inventor

Rao et al.

Group Art Unit

To be assigned

Examiner Name

To be assigned

Attorney Docket Number

5718-16B

U. S. PATENT DOCUMENTS

[illegible]

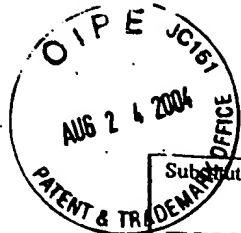
FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								T
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office	Number	Kind Code (if known)				
/	3	WO	93/08682		State University of New Jersey - Rutgers	05/13/1993	✓	
/	4	WO	94/16088		Rijksuni-Versiteit Leiden	07/21/994	✓	
/	5	WO	95/22625		Affymax Technologies	08/24/1995	✓	
/	6	WO	95/31554		E.I. DuPont De Nemours and Company	11/23/1995	✓	
/	7	WO	96/38563		Pioneer Hi-Bred International, Inc.	12/05/1996	✓	
/	8	WO	97/35023		Pioneer Hi-Bred International, Inc.	09/25/1997	✓	
/	9	WO	97/20078		Affymax Technologies	06/05/1997	✓	

**Examiner
Signature**

Date
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete or Known

Application Number	To be assigned
Filing Date	Concurrently Herewith
First Named Inventor	Rao et al.
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	5718-16B

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/	10	ALTENBACH et al., Enhancement of the Methionine Content of Seed Proteins by the Expression of a Chimeric Gene Encoding a Methionine-Rich Protein in Transgenic Plants, Plant Molecular Biology, 1989, pages 513-522, vol. 13, Belgium	✓
/	11	SCOTT et al., Searching for Peptide Ligands with an Epitope Library, Science, 1990, pp. 386-390, vol. 249	✓
/	12	STASWICK, P., Novel Regulation of Vegetative Storage Protein Genes, The Plant Cell, January 1990, pages 1-6, vol. 2,	✓
/	13	STEMMER, W., Rapid Evolution of a Protein <i>In Vitro</i> By DNA Shuffling, Nature, Aug. 4, 1994, pages 389-391, vol. 374	✓
/	14	STEMMER, W., DNA Shuffling by Random Fragmentation and Reassembly: <i>In Vitro</i> Recombination for Molecular Evolution, Proc. Natl. Acad. Sci. USA, Oct. 1994, ppages 10747-10751, vol. 91	✓
	15	HONGDI et al., A Phage Display System for Studying the Sequence Determinations of Protein Folding, Protein Science, 1995, pp. 1108-1117, vol. 4	✓
	16	MARCELLINO et al., Modified 2S Albumins with Improved Tryptophan Content are Correctly Expressed in Transgenic Tobacco Plants, FEBS Letters, 1996, pages 154-158, vol. 385	✓
	17	MOLVIG et al., Enhanced Methionine Levels and Increased nutritive Value of Seeds of Transgenic Lupins (<i>Lupinus Angustifolius</i> L.) Expressing a Sunflower Seed Albumin Gene, Proc. Natl. Acad. Sci. USA, Aug. 1997, pages 8393-8398, Vol. 94, Agricultural Sciences	✓
/	18	FRIGUET et al., Immunochemical Analysis of Protein Conformation, Protein Structure a Practical Approach, pp. 287-310, IRL Press, Oxford University Press, MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH, UK	✓

RTA01/2072075v1

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



COPY

jc584 U.S. PTO

09/478567



01/06/00

Assistant Commissioner For Patents
Washington, DC 20231

Date Mailed: 01/06/2000

Atty. Dkt. No. 5718-16B

Kindly acknowledge receipt of the accompanying DIVISIONAL PATENT
APPLICATION with Application Transmittal Cover Sheet for:

Inventor(s): Rao et al.

Title of Invention: COMPOSITIONS AND METHODS FOR ALTERING
AMINO ACID CONTENT OF PROTEINS

Pages of Spec. (including claims and abstract) 26; No. of Claims 20

No. of Drawing Sheets 8; Declaration Enclosed Yes - copy (4 pages)

Small Entity Statement Enclosed N/A

IDS with PTO 1449 Enclosed yes-2 pages; (No. of 1449 Cites Enclosed 1)

Assignment with Cover Sheet and \$40.00 Fee Enclosed

Check(s) Enclosed \$690.00

Please place office stamp hereon and Return Postcard to : WMS/ste
ALSTON & BIRD LLP

BEST AVAILABLE COPY